Abstract

The invention provides a brush mounting structure of an automatic cutting machine that can allow dismount of any desired brush from a brush mount, can allow sequential rotation of the movable brushes so that the brushes on the brush mounts can be rearranged in parallel, and can allow a clamping force for clamping engagement between the brush and the brush mount to be held against a load applied from a particular direction. In order to prevent undesired disengagement of the projection at the back side of the cut-support-surface brush against a load applied from a particular direction orthogonal to a direction in which the brush is movable over the brush mount, an engaging projection having an engaging surface which is adapted to be hooked more firmly than an engaging surface of a back-row projection and serves as a holding surface is formed in a front low of the brush, while also a holding rib having a holding surface which confronts the engaging surface of the engaging projection of the brush and is adapted to be hooked more firmly than the engaging surface of the engaging rib is formed in the brush mount.